



**DAMES & MOORE**

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California Environmental Protection Agency  
California Regional Water Quality Control Board, Los  
Angeles Region  
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July 2, 1999

Ms. Jenny Au  
California Regional Water Quality Control Board  
Los Angeles Region  
320 West 4th Street, Suite 200  
Los Angeles, California 90013

Re: Chrysler Nu-Car Prep Facility  
Central Property  
12140 East Slauson Avenue  
Santa Fe Springs, California

typo? → SLIC No. 197D  
SLIC NO. 197A

Dear Ms. Au:

On behalf of Catellus Development Corporation Dames & Moore has prepared this letter regarding the removal of underground storage tanks from the former Chrysler Nu Car Prep facility. The Central Property was vacant from the late 1980's when the former Chrysler facilities were demolished until 1998, when the two buildings onsite were constructed. Both buildings are tilt-up style warehouse/office structures.

Several underground storage tanks (USTs) were removed from the property between 1985 and 1988. Closure of the USTs was apparently never obtained at that time. Tank locations are referred to as T1, T2, etc., and can be found in Dames & Moore's January 10, 1992 Remedial Investigation Workplan for the Central Property. In 1996, Dames & Moore performed a subsurface investigation of the Central Property that encompassed most of these locations. A summary of these activities is presented below.

## T-2

T-2 - Records obtained from the Los Angeles County Department of Health Services indicated an application for closure of two 10,000 gallon USTs made on December 9, 1985. On December 11, 1985, County personnel inspected the removal of the two USTs. However, no further information regarding closure was found in the file. No soil samples were collected from this location which is currently within the eastbound lane of Burke Street. Dames & Moore placed one soil boring in this location, Boring SB-7. Soil samples were collected at 5, 10, and 15 feet bgs and analyzed for TPH carbon chain and TPH gas using EPA Methods 8015, and VOCs using EPA Method 8260. No Tph or VOCs were detected.

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### **T-1, T-3, T-5, and T-6**

T-1, T-3, T-5, and T-6 - T-1-two-3,000 gallon gasoline USTs, T-3-one 10,000 gallon gasoline UST, T-5 and T-6-five 550-gallon waste oil USTs were removed by Petroleum Industry Consultants (PIC) in March 1988. PIC observed visual and olfactory evidence of soil contamination at T-1, T-5, and T-6. Soil samples collected from beneath the fuel USTs were analyzed for total petroleum hydrocarbons as gasoline (TPH gas) by EPA Method 8015. Soil samples collected from beneath the waste oil USTs were analyzed for TRPH by EPA Method 418.1. Elevated TPH was detected at T-1, T-5, and T-6. PIC excavated additional soil from the locations of T-1, T-5, and T-6 March 21 through 25, 1988. PIC concluded that substantially all contaminated soil had been removed. TPH at a concentration of 42 milligrams per kilogram (mg/Kg) remained in the vicinity of the four waste oil USTs at T-6. TPH at a concentration of 110 mg/Kg remained in the location of T-1. Otherwise TPH concentrations remaining in the soil were less than 42 mg/Kg.

No additional soil sampling was conducted in the location of T-1 which is located within Beasor Drive. PIC reported that the majority of contaminated soil had been removed from this location and that only 110 mg/Kg TPH remained.

Dames & Moore soil boring SB-30 was sampled in the location of T-3 in 1996. Soil samples were collected at 5, 10, and 15 feet bgs and analyzed for TPH carbon chain using EPA Method 8015, and VOCs using EPA Method 8260. No TPH or VOCs were detected.

Dames & Moore soil boring SB-32 was sampled in the location of T-5 and SB-36 and SB-37 in the location of T-6 in 1996. Soil samples were collected at 5, 10, and 15 feet bgs and analyzed for TPH carbon chain using EPA Method 8015, and VOCs using EPA Method 8260. No TPH or VOCs were detected in most of the samples. 4-methyl 2 pentanone was detected at 0.007 mg/Kg at 15 feet bgs in Boring SB-32.

### **T-4**

T-4- Records obtained from the Los Angeles County Department of Health Services indicated an application for closure of two 10,000 gallon USTs and one 550 gallon UST made on February 20, 1986. On February 28, 1986, County personnel inspected the removal of the two USTs. However, no further information regarding closure was found in the file. The actual location of the 550 gallon UST is unknown. No soil samples were collected from this location.



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## T-8

T-8 - Geosec observed the removal of two 550 gallon USTs discovered while the buildings were being razed and the property graded in October 1988. One soil sample was collected from beneath the base of each UST and analyzed for TPH as gasoline by EPA Method 8015, BTEX and VOCs by EPA Method 8020. Geosec concluded that no soil contamination was present beneath the USTs. Closure for these two USTs was issued by the Los Angeles County Department of Public Works on December 5, 1988.

Dames & Moore soil boring SB-14 was sampled in the location of T-8 in 1996. Soil samples were collected at 5, 10, and 15 feet bgs and analyzed for TPH carbon chain using EPA Method 8015, and VOCs using EPA Method 8260. No TPH was detected. One VOC, tetrachloroethene, was detected at 0.001 mg/Kg at 15 feet bgs.

It is Dames & Moore's opinion that based on this limited information, the length of time that has passed in which natural attenuation can take place, and the groundwater monitoring that has occurred recently and in the past indicating no fuel constituents in groundwater, no further action related to these former USTs is required.

Thank you for your time and assistance.

Yours truly,  
Dames & Moore

Debbie Stott  
Senior Geologist